

# The ORACLE

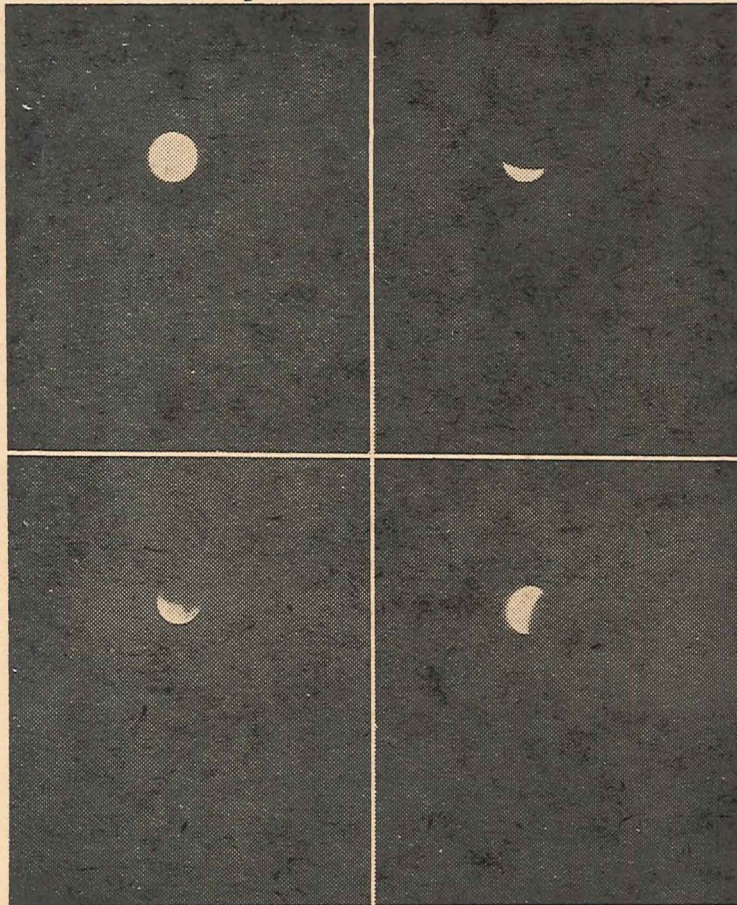


Volume 5, Number 12

THE OHIO STATE UNIVERSITY NEWARK CAMPUS

May 12, 1969

## An Eclipse of the Moon



The four frames above represent a series of eighteen taken by James Young during an eclipse of the moon in the evening of April 12, 1968. The first at top left shows the moon as it entered the penumbra at 21h/12m/0s. The exposure took 1/50 of a second. At top right the moon enters the umbra at 23h/01m/0s, the exposure taking 1/25 of a second. At bottom left total eclipse begins at 23h/22m/5s, with a one-second exposure. At bottom right the moon leaves the umbra 0h/50m/0s, with a 1/25 second exposure. Young used Film AS A-400, Tri X 135-20. The camera was 35mm to a 4x Jamron aux telephoto lens 200MMX. His setting of camera was f 3.5 inf., telephoto f 7 inf.—See inside story page 5.

### Mr. Bradley Heads Faculty Council

Mr. James Bradley was unanimously elected president of the Faculty Council for the next academic year at a special faculty meeting on April 23. He succeeds Dr. Robert Dorrell, who served as the first president of the organization. Mr. Bradley assumes office immediately.

Other officers to serve with the new president; Miss Judith Johnson, secretary; Mr. Ray Jezerinac, faculty representative and Mrs. Ruth Scott, vice president.

### Regional Sports Tournament To Be Held

Eighteen Regional Campuses from Bowling Green, Cleveland State, Kent, Miami, Ohio University, and Ohio State are slated to participate in the minor sports (bowling, golf, tennis) tournament scheduled Saturday, May 17, in Newark. A banquet will follow the day's events at Howard Johnson's Motor Lodge beginning at 6:30 p.m. The motel will serve as the tournament headquarters and will be the site of the awards (See Sports, page 6)

### MATCH YOUR DATE BY COMPUTER

Sophomore Judy Creech and Diana Pierce, for a Computer Science project, plan to strike up an acquaintance with an odd character named Fortram 7094-a computer on the main OSU campus.

"We are seeking 100 'victims' who will fill out a questionnaire about their interests, and through the computer, we hope to match up boys and girls according to what interests they have in common," Diana explained.

At the time they were interviewed, the girls announced that about thirty-eight students have filled out questionnaires. "If we get too desperate for students, we might turn to high school kids."

### NATIONWIDE RAISES INSURANCE RATES

(AFL-CIO News Release)  
COLUMBUS — Nationwide Insurance Co. has increased its rates an average of 7.4% effective since May 1.

Commenting on the new rate hike, Ohio AFL-CIO President Frank W. King said: "We are helpless to do anything about this new increase. Our organization has learned through nearly two years of constant court battling, and at a cost of nearly \$20,000, that under Ohio's laws a policyholder or group representing policyholders has no right to object to such rate hikes. Common Pleas Judge Fred Stern rendered this decision April 7, 1968, in our appeal of an earlier rate hike.

(See Insurance, page 5)

## FINAL EXAMINATION SCHEDULE

### SPRING QUARTER

The following schedule applies to all classes except Biology and Math:

Classes Meeting M. W. & F. 9:00 Monday, June 2, 9:00-11:00  
Classes Meeting Daily at 9:00 Monday, June 2, 9:00-11:00  
Classes Meeting M. W. & F. 10:00 Tuesday, June 3, 9:00-11:00  
Classes Meeting Daily at 10:00 Tuesday June 3, 9:00-11:00  
Classes Meeting Daily at 10:00-12:00 Tuesday June 3, 9:00-11:00  
Classes Meeting M. W. & F. 11:00 Wednesday, June 4, 9:00-11:00  
Classes Meeting Daily at 11:00 Wednesday, June 4, 9:00-11:00  
Classes Meeting M. W. & F. 12:00 Thursday, June 5, 9:00-11:00  
Classes Meeting M. W. & F. 12-1:20 Thursday, June 5, 9:00-11:00  
Classes Meeting Daily at 12:00 Thursday, June 5, 9:00-11:00  
Classes Meeting T. Th. at 12:00 Friday, June 6, 2:00-4:00  
Classes Meeting M. W. & F. 1:00 Tuesday, June 3, 2:00-4:00  
Classes Meeting M. W. & F. 2:00 Wednesday, June 4, 2:00-4:00  
Classes Meeting Daily at 2:00 Wednesday, June 4, 2:00-4:00  
Classes Meeting M. W. & F. 2:30-3:50 Wednesday, June 4, 2:00-4:00  
Classes Meeting M. W. & F. 3:00 Monday, June 2, 2:00-4:00  
Classes Meeting M. T. Th. & F. 3:00 Monday, June 2, 2:00-4:00  
Classes Meeting T. Th. & F. 3:00 Monday, June 2, 2:00-4:00  
Classes Meeting Daily at 3:00 Monday, June 2, 2:00-4:00  
Classes Meeting T. Th. 3:00-5:30 Thursday June 5, 6:00-8:00  
Classes Meeting M. W. & F. 4:00 Thursday June 5, 2:00-4:00  
Classes Meeting M. W. 4:00-6:30 Thursday June 5, 2:00-4:00  
Classes Meeting M. T. W. F. 4:00 Thursday, June 5, 2:00-4:00  
Classes Meeting Daily at 4:00 Thursday, June 5, 2:00-4:00  
Classes Meeting T. Th. 4:00-6:30 Thursday, June 5, 6:00-8:00  
Classes Meeting M. W. 5:00-7:30 Wednesday, June 4, 6:00-8:00  
Classes Meeting T. Th. 5:00-7:30 Thursday, June 5, 6:00-8:00  
Classes Meeting Daily at 6:00 Wednesday, June 4, 6:00-8:00  
Classes Meeting T. Th. & F. 6-7:30 Tuesday, June 3, 6:00-8:00  
Classes Meeting T. Th. 6:00-8:30 Tuesday, June 3, 6:00-8:00  
Classes Meeting T. Th. 7:00-8:30 Tuesday, June 3, 6:00-8:00  
Classes Meeting M. W. 7:30-9:00 Friday, June 6, 6:00-8:00

All math classes regardless of meeting time—Monday, June 2, 6-8:00 P.M.

All Biology classes regardless of meeting time—Friday, June 6, 9-11:00 A.M.

NOTE: Courses with lecture and laboratory or recitation at different hours should use the lecture hour to determine the examination time. Exams will be given in the room in which the class regularly meets.



## FREE, But Nobody Came

"The time has come, so the Walrus said, to talk of many a thing, of sailing ships and sealing wax" . . . and why nobody came.

All of the Student Forum programs that have been presented on this campus have been free to students and faculty. That is to say, no fee was charged other than an hour of one's time for which one was intellectually entertained.

From the first speaker Dr. Martin O. Thurston who spoke on "The Potentials of the Laser Beam" to the most recent speaker, Dr. Homar Jack, who spoke on "SDS, and the International Situation," none were given the credit and courtesy of a large audience. That the speakers were good and knew what they were talking about is beyond doubt. They represented some of the most intelligent brains to be found anywhere in their respective fields. Then why the poor show of participation? Is the majority on this campus so apathetic that they pass up free opportunities to further their knowledge? It shamefully seems to be so.

The Editor

## Letters to the Editor

### Make The Spring

### Formal Successful

Almost every student on the Newark Campus has at one time or another been confronted with the statement that there is no interest in campus events. The term "apathy" has been applied to the situation and almost everyone has looked on it as a big joke. It is talked about, argued about, laughed about, and has now arisen as one of the major issues on campus. If there is one fact that is agreed on by almost every campus member, either student, instructor, or administration, it is that something should be done, but no one seems to know what to do about it.

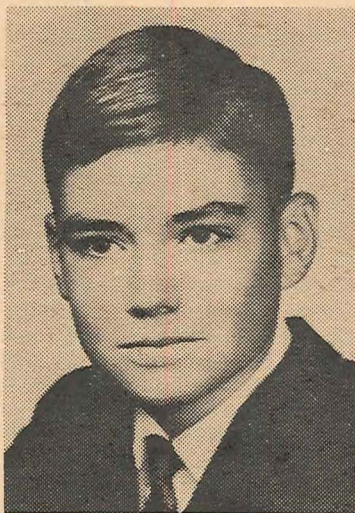
On June 7, the major social event of the year is scheduled, the Spring Formal. The Social Committee of the Student Senate has again rented Howard Johnson's Restaurant and plans have been started on the entire program. The drawback is that all of these plans are only tentative. Something new has been added to the preliminary plans for the event. Every event sponsored by any organization up to this time has been a financial failure and another such disaster, which many people believe is inevitable for the Spring Formal, must be avoided. It has been decided that if enough reservations for Spring Formal tickets are not turned in to Student Senate members by June 1st, plans for the big event of the year will be dropped and we will have no Spring Formal. On behalf of myself and all of the Student Senate, I challenge every organization on campus to back the Spring Formal to the best of its abilities. Let's see every boy ask his favorite girl and take the first step in fighting apathy. Let's make Newark Campus a university in every sense of the word.

Bill Martin

## WANTED

President

Student Body



BILL KILPATRICK

FOR STUDENT

REPRESENTATION

#### Experience:

- Student Senate Representative
- Vice-President of University 4-H Club
- Oracle Staff Reporter
- Alpha Phi Omega Member
- Member of University Internationals
- Member of University Forum

## Work of Campus Artists Displayed

A display of special interest to denizens of Newark Campus has been that of the art work of campus talent adorning the walls and the case in the foyer of Founders Hall. The various pieces were selected by Mr. Robert Schwartz, art instructor, from work by various members of his class.

Objects of three-dimensional study displayed in the case were the work of the following students: Robert Pallagi, Laurel Shelley, Kenneth Yonker, Janis Clayton, Lucille Riley, Sharon Tipton, George Pellerite, Jeff Thompson, Sandra Holcombe, Michael Davis, Sharon Clark, Margaret Roth, Luvonne Pitts, Sue Gualtieri, Sally Watson, Fred Poun, Margaret Machlan, Stephanie Moore, and Laverne Nash. Paintings represented the work of Betty Holmes, Roderick Moyer, Julia Pearson, Penny Bays, Karen Wyckoff, Earlene Harris, Wayne Ehret, Karen Clippinger, and Martha Loy.

Mr. Schwartz has announced that a second display of works by his students will appear in the foyer in May.

## STUDENT SENATE ATTEMPTING TO PROCURE SIGNS

Rita Elliot and Bill Kilpatrick of the Student Senate have for some time now been in the process of attempting to procure signs to be distributed along key points of Newark's roads to direct strangers to the Newark Campus.

"So far," stated Rita, "we have been given the go-around. We have finally reached the stage where the safety director of Newark thought he might be able to get the signs for us," said Miss Elliot.

The Student Senate requested twenty-eight signs to be placed at fourteen key locations.

## YOUNG REPUBLICANS ORGANIZING ON CAMPUS

The Ohio League of College Young Republicans is now in the process of organizing on the Newark Campus.

The organization needs twenty-five members by May 15 to be officially recognized at the State Convention this summer.

Anyone interested in joining should contact Steve Richcreek or Rick Blaine.

## This Is War

This is war gentlemen, WAR! Although war in my mind is never morally or spiritually justifiable, yet by the very desire of a people to want war, any atrocity committed in it is justifiable. When a people choose war as the only satisfiable alternative, they also, perhaps unknowingly, choose to accept all the burdens, hardships, and atrocities that accompany it.

Biafra and Nigeria now stand confronted during a critical time of their history in which the destinies of both nations hang in the balance. Leaders of Biafra have repeatedly declared that they and their people would fight to the death rather than be conquered. That they are doing!

But what is the worth of prolonging the war by feeding Biafrans? Certainly there is no justice in continuing this conflict. For in so doing, many more will die and many will be born to suffer and die shortly thereafter. War breeds disease, famine, hatred and death. The longer the war, the greater these products of it grow.

Unfortunately many Biafrans are starving to death, but this is war. They could surrender and eat. Starving a people into submission is one of the oldest existing and most efficient weapons of war. Can we consciously deny the Nigerians this weapon when we know that the Biafrans would employ it if they were in Nigeria's position?

Therefore gentlemen, it would be more Christian and kind hearted for us as a nation to mind our own business and leave Biafra and Nigeria alone to struggle. We should only observe as a candid spectator and take heed that such does not occur in our country.

Or gentlemen, if we are to be so insanely righteous that we must do something, let us be equal to both countries. But, nevertheless, I still contend that the war, with its suffering, pain, and cruelties will be over sooner if all other nations, including ours, remained completely uninvolved. In other words, isolate Biafra and Nigeria completely from the World while they are in conflict. Most likely Nigeria would win. That would at least for some time heal the now festering wound of Africa.

Remember, gentlemen, this is WAR! A war in which no quarter is asked, and none is given. It is a fight to the bitter end; and, the sooner the end occurs, the better it will be for both conquerer and conquered—and the World.

by Al Zellner



## SDS; International Relations Discussed During Forum

by Bill Kilpatrick

Dr. Homer A. Jack, director of the Division of Social Responsibility of the Unitarian Universalist Association, spoke at the April 24 session of Student Forum. A graduate of Cornell University, Dr. Jack has worked feverishly in promoting better international relations. He has worked with the National Committee for a Sane Nuclear Policy, the American Committee of Africa, and the International Confederation for Disarmament and Peace. A world traveler, Dr. Jack has visited the Soviet Union five times, the latest in the autumn of 1968, as a participant in an exchange of Soviet and American peace leaders. He has visited South Vietnam and Czechoslovakia, and he is Secretary-General of the World Conference on Religion and Peace to be held in Kyoto, Japan, in September of 1970. Dr. Jack has also been involved in domestic problems, being active in the formation of the Congress of Racial Equality. He cooperated with the late Dr. Martin Luther King during the bus boycott in Montgomery, Alabama.

Because of the poor attendance at the Forum, Dr. Jack declined to speak on the topic "East-West Relations" and chose rather to have an informal discussion on any subject the members of the audience wished.

First Dr. Jack was asked to explain the basic goals of the Students for a Democratic Society. He began by commenting that he would be an SDS member himself if not for his age. Although SDS wants a change in American Society, they are not Communists as many people believe them to be. Jack also said that he could not quarrel with some of the SDS goals. He stated that the specific goals of SDS include a complete reorientation of society. They look for "whipping boys" such as ROTC, to get at the entire war machine, such as the chemical corporations that produce napalm. He added that SDS is not just a fad among college students. Dr. Jack does not believe, although SDS does, that the United States is in Vietnam for exploitation and big trade interests.

When requested to give his personal opinion of ROTC, Dr. Jack said that he has never approved of ROTC on the college campus. He felt that the campus should have no military connections whatsoever so that the universities should be completely free to criticize the Pentagon. Dr. Jack was then asked what the sciences, cancer research, and other projects would do without the influx of money from the Pentagon to the universities. He replied that it is wrong that the universities have to rely on defense money and that it should come from the Department of Health, Education, and Welfare, the National Health Institute, and other sources.

Next Dr. Jack commented on relations with Russia and Red China, saying that Russia is becoming increasingly West-oriented and China East-orientated. He believes that the Soviet Union is becoming affluent like the U.S. and that this is good. Jack expressed a wish that China could become this way also.

Many Moscowwites, according to

Jack, are similar to American middle-class suburbanites with good jobs and good autos.

Dr. Jack feels that the present United States policy against China is wrong and that we should allow them to enter the United Nations. Professing that he is not an expert on China, Jack nevertheless sees China as having an expansionist policy.

Concerning relations with North Korea, Dr. Jack proclaimed that country to be the most irresponsible of the Communist countries. He said that North Korea wants to make the U.S. look silly, and that that nation is an example of the terrible danger that a small nation may start a war which the big powers do not want.

In closing Dr. Jack expressed the belief that we are definitely beginning to withdraw from South Vietnam, but another place will get out of hand, maybe in South America. South America has become a trouble spot for the U.S., he said, because of economic involvement there and because of the lack of social change for many years. Jack added that the United Nations has helped in Cyprus, the Middle East, and the Cuban Missile Crisis, but it is not, he thinks, moving fast enough.

Dr. Jack was on a three-day speaking tour through this area of the nation. He was fascinated with the modern kitchen facilities of Founders Hall, remarking that the sandwich-warmer was the first appliance of its kind he had ever seen.

The speaker was introduced by Bill Kilpatrick.

### Bradley New Adviser

At the beginning of the Spring Quarter Mr. James Bradley became adviser of Phi Alpha Beta. He replaces Mr. Kingery, who served the fraternity since its inception.

## Meet A Celebrity



As *The Oracle's* spotlight focused its beam through the corridors of Founders Hall, unshading the hidden and often interesting pasts of those who travel therein, the light of this issue unveiled the adventures of Miss Deborah Gaye Lippis.

Five-foot five, brown-eyed Miss Lippis started her singing career during the summer of her junior year in high school touring with the Goodyear Theater. During the tour she starred in the feature rolls of Broadway musicals of *Bye Bye Birdie*, *South Pacific*, *Glass Menagerie*, and *How to Succeed In Business Without Really Trying*. Debbie returned to Akron, Ohio, to finish her senior year at Copley High.

Following graduation from high school, Debbie started as a night club singer and U.S.O. (United States Servicemen Overseas) entertainer. Some of the more elaborate places she performed in were The Latin Quarter in Chicago; The Executive House in Phoenix, Arizona; The Caravan in Phoenix; The Taylor Supper Club in Denver, Colorado; and The Hungry Eye in California. Her fame spread, and she has at one time or another, as the cliché goes, performed in nearly every state of the Union.

During the Christmas of 1967, Debbie traveled to Guam by herself to do a U.S.O. show. During the four weeks there, she entertained about one hundred troops.

As the discussion of the interview fell on agents, Debbie, who had a bad experience with one agent for whom she worked about three months, stated that a "lot of agents are after young girls who are interested in this field only to make money, and they can harm one very much emotionally. Ray Gregory was my agent during most of my entertaining career so far; and he is very good," said Debbie. "He worked out a schedule by which I would start from one end of the coast and sing

my way to the other."

At the age of nineteen, Debbie again went with U.S.O., hitting major military bases in California and Colorado. She also entertained on the U.S.S. Enterprise during which she claims to have received the biggest thrill of her life when after her performance the men came to her and promoted her to the position of honorary seaman first class.

When Miss Lippis was asked what some of the less glamorous aspects of show-biz were that she encountered, she replied: "The performing profession is especially rough mentally, and the type of people you run into sometimes takes much of the glamor out of it. I think the biggest mistake I made was not having a background in understanding audience reaction. A few years of humanities would have been helpful."

Reminiscing, Debbie recalled that during a top billing in the Desert Inn at Los Vegas, she sang with Dean Martin. "He doesn't drink like they say he does," commented Debbie. "My image of him was radically changed."

Miss Lippis is now a freshman at O.S.U. Newark Campus majoring in music. She now resides with her parents in Granville.

Miss Lippis is scheduled to open June 7, in the Executive Inn in Phoenix, Arizona, with a variety of classical and popular songs.

**WATCH for end of  
Quarter**

**Sale starting week of  
May 26.**

**UNIVERSITY BOOK STORE**

**O. S. U. NEWARK CAMPUS**



## POLAR LIFE BELIEVED SIMILAR TO THAT ON MARS

Scientists expect to learn something of the Red Planet's ability to support life when two Mariner space probes now streaking to Mars measure its atmosphere this summer.

Meanwhile, scientists measuring the limits of life tolerance of Antarctic plants may help answer a related question.

If life does exist on Mars, they say, the odds are it will be a form similar to the lowly lichen—most abundant plant life in Antarctica. Edmund Schofield, research associate in Ohio State University's Institute of Polar Studies, reported Friday (4/25) to the Ohio Academy of Science's 78th annual meeting on the life tolerances of the lichen—a dual organism of fungus and algae.

Schofield was part of a three-man Ohio State team under the direction of Dr. Emanuel D. Rudolph, who also directed another team that completed an extensive botanical survey of another area of Antarctica.

Important factors in the Antarctic lichen's existence, said Schofield, are light, nutritional elements and wind.

But most critical, he said, are the presence of water and the absence of harmful amounts of salts in the environment.

Various species of these inch-high, or less, plants lie anchored to rock surfaces or sheltered by rocks from strong winds.

During the long, dark winters they lie dormant, but when the sun emerges once again and warms the rocks, they spring to life.

Living in the microclimate near the surface, they draw their moisture from the atmosphere or thawing ground during brief warming periods.

Low Antarctic temperatures aren't critical to their survival, said Schofield, as long as the lichens are subject to intervals of thaw.

Wind is important. If not protected from the Antarctic blasts which sometimes top 100 miles an hour, lichens can be torn from rocky rootholds, dried out, or abraded away.

And strong winds often blow salts around the plants, inhibiting their growth.

Some lichens grow next to the ground where the permafrost supplies moisture during brief periods of thaw. But the water from melting permafrost also washes out some salts.

Schofield found that about 150 parts per million of salts was the critical level for the growth of mosses and lichens.

One question which has long puzzled botanists is the source of the Antarctic lichen's nitrogen supply.

Nitrogen salts are available from bird droppings in costal areas near rookeries, on Ross Island at Cape Royds and Cape Crozier. But in Miers Valley and on Kar Plateau on the mainland, the source is a problem that he is studying.

Schofield reported a curious observation in dry valleys, where wind abrasion and lack of moisture prevents lichen growth.

Up the slopes, however, the plants suddenly appear at about 2,300 feet elevation.

"During a period of 14 days we observed clouds rolling off the ice shelf and low glaciers for six or seven days," he said.

"It appears that these clouds supplied the lichens with the ne-

cessary moisture. On the lower slopes of the ridges where there was no growth, but where the clouds touched, the lichens appeared in spots protected from wind."

Lichens depend on sunlight both for heat to melt or vaporize snow and for light to supply the energy of photosynthesis — the transformation of atmospheric carbon dioxide into compounds usable for plant tissue.

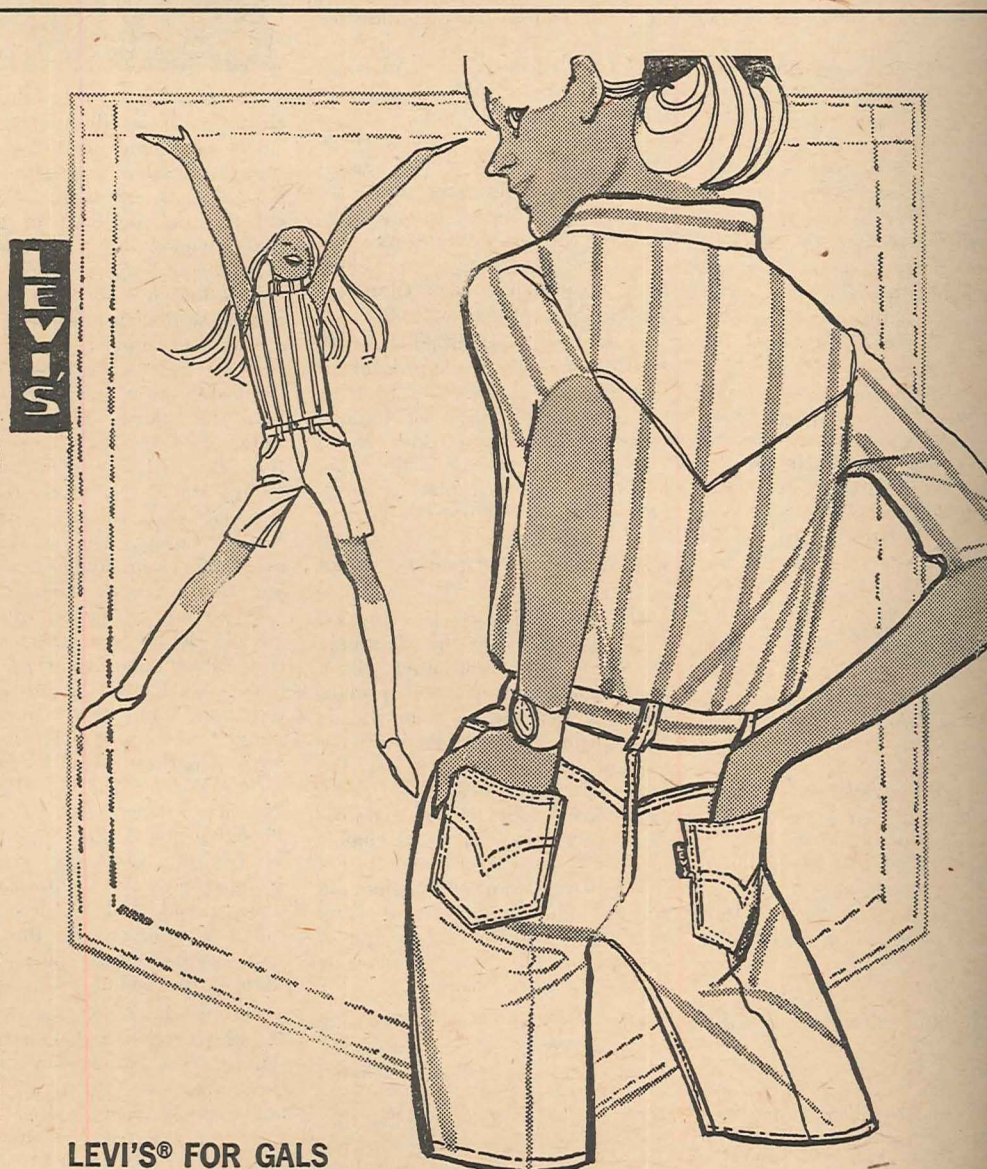
Both carbon dioxide and nitrogen compounds are needed by plants. The earth's atmosphere contains three hundredths per cent carbon dioxide. Nitrogen accounts for 78 per cent and oxygen, 21 per cent, but the atmospheric nitrogen is in a form

or state that is unavailable to most organisms.


Nitrogen for most plants must be present as salts or other kinds of chemical compounds.

Measurements from an earlier American space probe, Mariner IV, showed Mars' atmosphere to contain mostly carbon dioxide with less than 20 per cent nitrogen, and a barely detectable amount of water vapor, although much could be frozen beneath the surface.

Martian life, if it does exist, may look something like lichens, but chances are it will function a lot differently. That's because it would have evolved in such a different environment from that of the earth.



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## SPOT ON YOUNG MAN ON THE GO

If you have noticed a young man spinning around Founders Hall like a dervish, he is probably James Young, freshman on Newark Campus. A young man of varied interests, he graduated from Newark Senior High School with the Class of 1968. He is a native of Newark.



James Young

While attending the Newark Public schools, Jim entered projects in the annual science fairs from his ninth through his senior year. He received four superior ratings at the city level, three excellent ratings in the district,

and during his junior year a superior rating that took his project to the state. A Cottrell Precipitator was the project during his freshman year. As a sophomore he entered a work on cryogenics. He hit the big time with his entry of a plasma generator when he was a junior. Fuel cells represented his offering last year.

Since he has been on campus, Jim has completed a project in psychology with the Starlight School. So successful was his work there that Mrs. Wells, member of the Starlight faculty, forwarded a letter of commendation of Young's work to Dr. Staats and expressed the hope that Jim would choose the area of retarded children as his vocation. Jim also was a student assistant in Biology 100 during the Winter Quarter.

Jim has carried out interesting projects off campus also. During the summer of 1968 he trained a sparrow hawk in a self-sustained project in falconry. He is also interested in stamp collecting. Of special interest to Jim, however,

is photographing astronomical subjects. Four shots of the moon in eclipse appear (page one) in this issue. He not only has made a mounting to take such pictures, but he also constructed a chronograph to measure time intervals in reference to astronomical calculations.

Jim is an Eagle Scout, a member of the Order of the Arrow, a member of Explorer Post 22, and a brother in Alpha Phi Omega fraternity.

At present Young plans to become either a biologist of a psychologist.



Jim's trained falcon poses.

## SALE OF "OUTLOOK" SLOW

As of April 23, only 24 copies of the *Outlook* had been sold, according to Phil Gantt, business manager. He added, however, that Miss Johnson, faculty adviser, had placed an order for 250 copies with the Taylor Company of Texas. These professional yearbook houses demand a firm order by a certain date. This figure represents an increase of 100 copies over the number of yearbooks received last year.

Gantt mentioned that purchase of the *Outlook* may be made at any time in the yearbook office, located on the first floor of Founders Hall. Purchases may also be made from members of the staff.

Gantt noted also that the publication has not been too successful this year with the sale of advertising.

## Sports Editor Smith Resigns

The Oracle regrets to announce that Steve Smith, long time sports editor for this paper, has resigned from his time-consuming position.

"I work three to four hours every morning and have classes all afternoon. This doesn't leave me much time after studying in the evening. I cannot do the job right in the little time left, so I do not want to remain sports editor," stated Mr. Smith.

Mr. Smith will still continue on the staff as a freelance writer.

Pat Lapworth has been appointed to take over the position of sports editor, formerly held by Steve Smith.

## Skip Salome's FRISCHES RESTAURANT

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344-2489

## ALPHA PI EPSILON GOES HORSES

Sorority members of Alpha Pi Epsilon went horseback riding Sunday, April 28, at a stable near Utica during which two minor accidents occurred.

Susie Gribble was thrown from her horse when she decided to go one way and her horse decided to go the other. She suffered minor bruises and cuts. Mary Litts was also slightly injured when the horse one of the other girls was riding kicked her in the ankle. "The rest of us were just plain sore," lamented Sally Watson.

"After the riding, the group settled down for a picnic beside a beautiful pond," said Sally.

Recently APE members received a letter from their foster daughter Wen Shu-Chen. The letter came in reply to a letter sent her by the sorority. "We received the actual letter that Wen wrote in Chinese and it was accompanied by a translated letter," said Miss Watson. "We are still supporting her and are more thrilled than ever to have her in 'our family of sisters'."

By the end of Spring Quarter, the sorority hopes to have purchased some new books for the library. Sally stated, "We feel that as an OSU organization we should be doing something for the Newark Campus, and we couldn't find a better idea than adding new books to the library."

## INSURANCE—from page 1

"The Ohio AFL-CIO is trying to bring Ohio's auto insurance laws into the 20th Century. Two Republicans and two Democrats have agreed to sponsor the AFL-CIO auto insurance reform bill in this session of the Legislature. They are Reps. Carlton Davidson (R. Ironton), Frank Mills (R. Dayton), John McDonald (D. Newark) and Troy James (D. Cleveland)."

"The bill was introduced before the House cutoff date and has been numbered H.B. 668. It is still bottled up in the House Reference Committee. This latest increase is warning that this session of the Legislature should untie the hands of the Ohio Department of Insurance in such cases so it can represent the interests of the people of Ohio."



## Congressman Lukens Defends Biafra

The Nigerian-Biafran conflict for the second time within a week was aired. Celebrity Speakers Forum featured a speaker on the Biafran situation. Republican Congressman Donald E. (Buzz) Lukens of the 24th Ohio District, the first United States government official to observe firsthand the fighting between the Nigerians and Biafrans, presented his views and the facts of the tragic struggles on the evening of May 5 in the auditorium as he saw them during his February 1969 trip.

Congressman Lukens gave what he called an oversimplified cause of the war. In 1960, soon after Nigeria became independent, a series of coups and countercoups for control of the government resulted. Finally the merchants, traders, and others who have been called the "African Jews" withdrew to the northern section of Nigeria, while the Ibo tribe, which numbered about 8,000,000 at the time, gathered in the southern part of the country to declare their independence. The real catalysts of the present situations, Lukens said, are three in number. First, the massacre of nearly 30,000 Ibos by Nigerian soldiers in a deliberate pogrom that lasted for months. This was the spark which started the fighting and is the reason why the Biafrans believe they are fighting for their lives. Second, the threat of the poisoning of the Biafran food supply by the Nigerian people. The Biafrans will not eat food which has ever been in Nigerian territory. The third reason is the constant air attacks by the Nigerians against the totally defenseless Biafrans. Lukens submitted an interesting comment in that the Biafrans do not refer to the bombers as Nigerian bombers. Instead they say when an attack is imminent, "Here Comes the Russian Air Force," since they believe that the Russians are actively supporting the Nigerian air force with planes and pilots. However, Congressman Lukens firmly believes that the air attacks are the major obstacle in preventing an end to the war.

Congressman Lukens stated that he believes the Biafrans will fight to their deaths. Lukens said his position on the situation is not totally pro-Biafran or pro-independence for Biafra, but he believes that a better solution must be found.

*Do not men die fast enough without being destroyed by each other? Can any man be insensible of the brevity of life? And can he who knows it, think life too long!*

Francois de Salignac  
(1651-1715)

## 4-H BUSY IN MAY

May is a busy month for University 4-H. A greased pig contest, TV show, and plans for summer and next year highlight current 4-H activities.

The 4-H was sponsoring the greased pig contest for May Day. The contest was cancelled because no transportation was available to move the three 100 lb. pigs to Founders Hall.

On May 13, the 4-H Club will have Lee Householder, Rita Elliot, Ernie Rauch, and Jack Kilpatrick featured on WGSF-TV. These members will explain the goals and purposes of 4-H, what the club has accomplished in the past, and plans and activities for the summer and the 1969-70 school year.

The club is now in the process of setting up a summer recreation schedule, a budget, and programs for next year's meetings.

The next regular meeting is scheduled for May 21 at 5:00 P.M. Joe Warner, a participant in the International Foreign Youth Exchange, is tentatively scheduled to speak. All persons interested are welcome to come.

**SPORTS**—from page 1  
presentation plus a meeting for coaches and campus directors. An indoor-heated swimming pool has been reserved for tournament participants.

In the event of inclement weather, the tournament will be held Saturday, May 24, in accordance with the May 17 program schedule.

Each regional campus has been requested to field two bowling teams consisting of five men and five women per team (10 total). All teams will bowl three games and the winners will be based upon the total number of pins for the three games plus handicap. All trophies will be awarded based on total pins plus team and individual handicap. This event will take place at Valley Lanes, on North 21st Street in Newark. Gene Perrine is co-ordinator for the bowling tournament at Valley Lanes.

Tee time for the golf tournament is at 8:30 a.m. on the Granville Golf Course. Each campus is limited to one team of four male members. Trophies will be awarded to the first and second

place teams, first and second low medalist, and the individuals of the first-place team. The team with the lowest total medal score will be the victor; likewise, the team with the second lowest score will be in the runnerup position.

The tournament tennis teams will consist of three men and three women representing each regional campus. Trophies will be awarded to the women's and men's singles champions, team members of the women's and men's doubles winners, and to the first-place team. The matches, of which Tom Sunkle is coordinator, are scheduled to begin at 9:30 a.m.

## DEWEESE OUTLINES YOUTH FOR DECENCY PURPOSES

At a recently-held organizational meeting of Youth for Decency at Newark High School, OSUNC student Tom Dewese outlined the purposes of the new organization to 100 interested young people, mostly high school students.

The Youth for Decency movement began several months ago in Miami, Florida, when Jim Morrison, a member of the Doors, exposed himself and shocked young people as well as adults. A number of these young people began the movement to counteract adult beliefs that teenagers enjoy that kind of "entertainment." The main purpose of Youth for Decency, now, as stated by co-chairman Tom Dewese, is "To show that the majority of young people are not trying to tear the country apart; most are trying to do something constructive."

"Some parents are afraid to let their children join, mainly because of what happened during a Youth for Decency rally in Baltimore," said Tom. He pointed out that violence erupted there only because discontented Negro non-members learned that singer James Brown would not make an appearance at the rally after all and therefore rioted.

A Newark city council consisting of young people is one of the planned projects of the Youth for Decency organization. Tom remarked that this could decrease the generation gap problems by allowing young people to tell the youth council their problems.

Officers of the new organization besides Tom are Mike Morris, co-chairman; Susan Titko, secretary; Kathy Swain, treasurer; and Mark Guthrie, rally committee chairman.

Future meetings are being considered, including the first rally to possibly be held on June 15. Any college or high school student interested can contact the officers or come to their temporary office at 1 South Park Place. "We're usually open on weekends," stated Tom.

## LAMP LIGHTER STUDIO THEATER PRESENTS:

### "THE ZOO STORY"

Friday, May 16  
4:30 P.M.  
8:15 P.M.

Directed by Debbie Lippis, this one-act morality play deals with two men who meet on a park bench and discover how incapable they are of communicating in their complex society. (No admission charged).

AND

### ARIA DA CAPO"

Friday, May 23  
4:30 P.M.  
8:15 P.M.

"Aria Da Capo" is a morality play in the abstract and directed by Jerry Garrabrant. This three character, one act play depicts the view of life by two people and the outside influences on their personal goals. (Also free).

Both presentations will be performed in the Lamp Lighter Studio.

Dr. Robert Dorrell stated that the purpose of these experimental 265 studio theatre productions, better known as the Lamp Lighter Studio Theater, is to offer some sort of cultural enrichment to the community and also to give novice actors the opportunity to broaden their understanding and intellect in the field of acting. "It's a benefit for the actor as well as the audience," said Dr. Dorrell, director of Newark Campus theatre productions.

## SHORTAGE OF AGRICULTURE TEACHERS

(O.S.U. News Release)

COLUMBUS, O.—A national survey—conducted annually over the past four years—shows a continuing shortage of teachers in vocational agriculture at high-school level.

As of last Aug. 1, the poll shows, 141 teachers were needed but not available; 65 departments had to be closed down for lack of teachers.

In addition, 289 teachers holding temporary or emergency certificates were employed, indicating both the shortage of fully qualified teachers and the resulting trend in employing technically qualified persons for teaching and providing them with professional teacher education after they begin teaching.

The survey, which highlights the shortage of teachers was conducted by the Professional Recruitment Committee of the Agricultural Education Division of the American Vocational Association.



## RADIO ASTRONOMY: AMERICA LAGS BEHIND

(O.S.U. News Release)

COLUMBUS, O., April 30.—America is lagging behind the rest of the world in the hardware necessary for effective radio astronomy.

This warning was given today by one of the country's leading radio astronomers, Dr. John D. Kraus, director of Ohio State University's radio telescope facility at Delaware, O.

The necessary hardware is the fully steerable saucer type of radio telescope.

"The largest telescope of this kind in the U.S. is a 140-footer at Green Bank, W. Va.," he said.

"Canada has a 150-foot telescope of this kind; Australia has a 210-foot model; the telescope at Jodrell Bank in England is 250 feet in diameter, and West Germany is building a 328-foot telescope.

"Because of this lag, the Smithsonian Institution has approached Congress with plans for a new combined radio-radar telescope with an antenna 440 feet in diameter, enclosed in a geodesic dome standing 550 feet high—five feet higher than the Washington Monument."

A bill sponsored by three Smithsonian Regents, Sens. Clinton Anderson (D-N. M.), J. William Fulbright (D-Ark.), and Hugh D. Scott (R-Pa.), requests a grant of \$2 million for planning and land acquisition. Total cost of the huge telescope is estimated at some \$37 million.

Dr. Kraus is a member of the Smithsonian's advisory committee for the proposed telescope.

Originally it was planned by a dozen New England and New York universities and colleges—The New England Radio Observatory Corporation—with funds expected from the National Science Foundation.

When NSF funds were trimmed severely by the federal government, the Smithsonian Institution agreed to submit the proposal to the federal government as a national facility.

The same trimming of the NSF budget delayed similar plans by a consortium of 11 midwestern universities, including Ohio State. Dr. Kraus represents Ohio State in that consortium.

This proposal was for a 300-foot radar-radio telescope. It was to be the largest steerable radar telescope in the world. The plan included construction of two smaller facilities with the three facilities built at the apexes of

a triangle with sides 200 miles long.

While radio and radar telescopes are similar in appearance, they do different work. The radar telescope emits a radio signal and receives the echo. It is limited to solar system distances such as to the moon, sun, Mars and Venus.

A radio telescope only receives radio signals, emitted in many cases by very distant objects.

The new telescope could give clues to the presence of life elsewhere in the universe and could probe of distances of perhaps 10,000 million light years. (One light year is the distance light travels in one year—some 5,900,000,000,000 miles.)

## Swingers Hook Short End

The 1968-69 Titan Golf squad took to the links at Mansfield Saturday April 12. The local swingers came home on the short end of 10-11 score. Keith Whampler grabbed medalist honors for Newark in their opening match.

The following Thursday the Titans smothered Chillicothe O.U. in the home opener. Bob Price, Whampler, and Haynes all scored 4 points and Reg Pitt registered 2 points to round out the Newark scoring. The final tally was 18-3 in favor of the Titans.

Thursday, April 24 and Friday, April 25 brought the Titans two more victories by the identical scores of 15-15½. On Thursday Newark defeated Ashtabula of Kent State. Bell led the team with 4 points while Pitt and Haynes each grabbed 3 points. Keith Whampler and Bob Price contributed 2 points apiece.

Friday found the Titans turning back the bobcats of O.U. Zanesville for their third straight victory. Dave Bell and Bob Price each tallied 4 points followed by Pitt, Whampler, and Haynes with 3, 2, and 1 points respectively.

Saturday, May 3 the Titans travelled to Chillicothe to meet the OU-Chillicothe team. Haynes and Van Winkle led the Titans to another win with 4 points apiece. The final score of the match was 13-8.

The Newark linksters were nearly upset by Wadsworth-KSU on Tuesday, May 6. Led by Dave Bell's superb 77 on the Licking Springs Trout Club Course, the Titans pulled out a close 9-7½ victory.

After the opening defeat, the Titans have raised their record to an excellent 5-1.

## Underdogs Outslug P.A.B.

by Mr. Armstrong

The "Underdogs" took a close victory (10 to 8) over the Phi Alpha Beta Fraternity on Sunday, May 4 in the 1969 intramural softball contest. Ron Baker of the "Underdogs" team belted a home run with the bases loaded and Brent Snoke captured a possible home run ball in the top of the seventh inning to bag another victory for the undefeated "underdogs team." Gene Perrine and Tom Baughman also clobbered home runs for the "Underdogs."

Phi alpha Beta and Circle K both have two softball victories to their credit to date with one game apiece left for each team.

Results of previous softball games are as follows: Circle K 4, Unknowns 3; Underdogs 7, Phi Delta Chi 0; Phi Alpha Beta 4, STO 2; Underdogs 14, Circle K 6; Underdogs 12, STO 8; Phi Alpha Beta 18, Unknowns 3; Circle K 14, Phi Delta Chi 15; Underdogs 10, Phi Alpha Beta 8.

Don Ryan, Softball Program Chairman, reports that four games remain with Phi Delta Chi and Phi Alpha Beta pitted against each other on Sunday, May 11 along with Sigma Tau Omega and the Unknowns slated to play on the same day. On Sunday, May 18 Circle K will go against Sigma Tau Omega and Phi Delta Chi will battle against the Unknowns.

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AT NEWARK CAMPUS

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MAY DAY ACTIVITIES SUCCESSFUL



## News Briefs

Rapidly increasing use of Ohio State University's Don Scott Field has brought an announcement of plans by the Federal Aviation Agency for a radically new \$300,000 control tower. Equipment installed at Don Scott Field will include provision for full instrument landing systems. In addition, the new tower will provide greater visibility and convenience for the air traffic controllers staffing it. The new facility will be built to replace the existing, temporary tower, opened in December, 1967. It will consist of a building 21 feet by 77 feet and 50-foot-high tower shaft, topped by a hexagonal glass-enclosed tower cab. An elevator will connect the cab with the building below. Estimated cost of the building construction is \$250,000, and the electronic equipment is expected to cost about \$50,000. The new tower should be in full operation by July, 1970—during OSU's centennial celebration. Bids are now open on the contract to build the tower and base buildings and parking facilities.

This seems like the non-space age to William Griffith, director of campus planning at OSU.

"Many departments at Ohio State are currently underhoused," says Griffith. "They don't have enough total space to carry out present programs effectively. They lack office space, or teaching laboratory space, or research space, or some combination of all these." Griffith says the space problem is particularly acute in the humanities, social sciences, and the arts. Most departments in the College of Administrative Science are underhoused, as are nearly all in the College of the Humanities, and more than half in the College of The Arts and the College of Social and Behavioral Sciences.

"The picture becomes even more bleak when you consider the quality of space available, in addition to the quantity," says Griffith. He believes several buildings need to be replaced or rehabilitated. "The problem is that buildings built 40 or more years ago do not provide the environment or services required by the complex, sophisticated teaching programs in operation today," Griffith explains.

The director of the OSU Libraries faces two rapidly growing problems:

Where to put the students?  
Where to put the books?

Dr. Lewis C. Branscomb, Friday, April 18, pointed out that the university libraries have had no significant improvement for many years while enrollments and needs have continued to grow. If the current legislature makes no

appropriations for this purpose, Dr. Branscomb feels that the university's already overtaxed library system will suffer a setback which would take many years to remedy.

OSU will award 160 centennial scholarships to undergraduate students next year when it celebrates its 100th anniversary. Rodney Harrison, director of student financial aids, said the university will allocate \$80,000 for the one-year scholarships, which will be awarded on the basis of ability and need. Ohio State will observe its centennial with a year-long celebration during 1970.

### Kilpatrick Winner of Hamburger Eating Contest

Representing the Student Senate, Jack Kilpatrick won first prize in the Royal Buffet hamburger eating contest held Wednesday evening, April 23. Jack devoured nine and one-half quarter-beef hamburgers with buns and ketchup, leading runner up Tom Boder by 2 complete hamburgers.

Mr. Fred Ruhl, manager of the Royal Buffet on West Church Street, presented Jack with a ten dollar gift certificate good at any L & K Restaurant in Ohio. "I guarantee you, you will not have to eat hamburgers either," said Mr. Ruhl. The hamburgers used for the contest were The President, which are one-quarter pound 100% beef.

Other contestants and their respective organizations which they represented were Tom Boder for Phi Delta Chi Sorority, Marsha Shumaker for the Library, Rick Hayden for Alpha Phi Omega Fraternity, Rita Elliot for University 4-H and K-Ettes, Larry Saunders for Sigma Tau Omega, Bob Fulk for Phi Alpha Beta Fraternity, Bruce Bain for *The Oracle*, Jim Johnson for Circle K, and George Chaconas for Alpha Pi Epsilon Sorority.

## Help Biafra

The American Committee to Keep Biafra Alive, Inc., is distributing a petition of a "Telegram to President Nixon" among students and faculty of the Newark Campus through Jack Kilpatrick.

The petition reads: "We, the undersigned residents of Ohio, urgently request U.S. help to prevent further starvation deaths of innocent children and women in Biafra by providing more cargo planes to Church Relief Groups, by sending surplus food and medical supplies, by helping fly out starving children for specialist treatment, by pressuring Britain and Russia to stop arms supply to Nigeria, and by pressuring Nigeria to agree to a cease fire to attain a peaceful political solution."

Anyone interested in supporting this petition by submitting his name may do so through Jack Kilpatrick.

### Jones in "Times"?

Two graduates from Newark Senior High School believe that the picture of the armed Negro youth appearing on the first page of Section 4 of the Sunday New York Times for April 27 is that of Tom Jones, a graduate of the local high school in 1968. Jones whose IQ ranges well above the 160 level, enrolled at Cornell University. The picture dealt with the recent incident at Cornell where Negro students bore arms against possible attacks by members of Delta Upsilon fraternity.

A check of the 1968 Reville annual revealed no picture of Jones; however, it is believed that he came to Newark sometime during the second semester, so that his picture would obviously not appear in the yearbook.

## Outlook On Sale Now

**ATTENTION STUDENTS:** This is your last opportunity to invest in a 1968-69 OSU Newark Campus yearbook.

MAY 16 is the last day that the *Outlook* will be on sale. None will be sold after that date.

**QUICK! !!** Take advantage of the \$5.00 bargain price at which they are now being sold. The *Outlook* will prove an invaluable source of entertainment, as memory refresher of buddies and friends, and you will find it extremely helpful as a log of student activity records.

**JUST THINK:** When you are old and gray haired, the *Outlook* will remain as one of the few pictured memories of you and your friends while you were young.

**EASY TO SUBSCRIBE:** just enter the *Outlook* office located on floor one, and tell one of the occupants that you wish to invest in a treasury of memories.

### Grandmothers Playing In The Sandbox

Do grandmothers usually play in the sandbox? Well, Joanne Young is one grandmother that does in the play "The Sandbox," which was presented in the Lamplighter Studio Theatre on Thursday, May 8.

The grandmother is not the only peculiar character in the play. A young musician creates a musical background throughout the play. Furthermore, the Angel of Death, whose vocabulary seems to be limited to the word "Hi", hovers near the sandbox throughout the play. Mommy and Daddy anxiously seem to wait for "certain events" to occur.

"The Sandbox," a play by Albee, was presented at 4 o'clock and 8 o'clock.

Under the direction of Ron McKenzie the following theater students played the characters: George Abdalla, Marsha Shumaker, Joanne Young, Ken Willis, and Deborah Lippis.

Since the play was presented on May Day, all students had the opportunity to see the presentation.

## POP CONCERT

By The

Newark Campus Chorale

8:00 P.M.

Wednesday, May 28

Founders Hall

Auditorium

(The Public is Invited)

## THE ORACLE

Established in 1965. Published five times per quarter and distributed free of charge to students of OSU Newark Campus. The Oracle welcomes advertisements.

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